# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| S1 | 7 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-4755660-$ or US-6260120-$ or US-6438670-$ or US-6519716-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 19:46 |
| S2 | 6 | S1 bus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 19:46 |
| S3 | 0 | S1 bus arbitration | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 19:47 |
| S4 | 1 | S1 bus scsi | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 19:48 |
| S5 | 6 | S1 bus | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 19:56 |
| S6 | 1 | S1 bus scsi | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:01 |
| S7 | 2 | "6505281".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:18 |

| S8 | 87 | issue command bus ARBITRATION wait time encryption scsi storage | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:24 |
| --- | --- | --- | --- | --- | --- | --- |
| S9 | 4 | (issu$4 with command$4) (bus with arbitration) (wait with time) $4crypt $4 (scsi$4 with storag$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:25 |
| S10 | 3 | S9 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:25 |
| S11 | 20 | (issu$4 same command $4) (bus same arbitration) (wait same time) ($4crypt $5 or $4cipher$5 or $4scrambl$5) (scsi$4 same storag$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:34 |
| S12 | 19 | S11 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 20:34 |
| S13 | 9 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-4755660-$ or US-6260120-$ or US-6438670-$ or US-6519716-$ or US-6505281-$ or US-6834326-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:07 |
| S14 | 1847 | 713/189.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:30 |
| S15 | 2 | HORI-YOSHIHIRO.in. KANAI-YUICHI.in. OHNO-RYOJI.in. OHISHI-TAKEO. in. TADA-KENICHIRO.in. HIRAI-TATSUYA.in. TSURU-MASAFUMI.in. HASEBE-TAKAYUKI.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:30 |

| S16 | 1181 | HORI-YOSHIHIRO.in. KANAI-YUICHI.in. OHNO-RYOJI.in. OHISHI-TAKEO. in. TADA-KENICHIRO.in. HIRAI-TATSUYA.in. TSURU-MASAFUMI.in. HASEBE-TAKAYUKI.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/02/16 21:30 |
|-----|------|------|------|------|------|------|
| S17 | 89405 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Isolat$5 or $4Separat $5 or $4Detach$4 or $4disconnect$5 or $4disengage$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Proce$6 (Content$4 or $4Data or $4Informat$5 or $4Multimed$7) ($4Second$4 or $4plural $5) ($4Stor$4 or $4load $4 or $4writ$4) ($4Instruct$7 or $4program$5 or $4code $4 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client $3 or $4User$2 or $4host $3 or $4station$2 or $4devic$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:30 |
| S18 | 2 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Isolat$5 or $4Separat $5 or $4Detach$4 or $4disconnect$5 or $4disengage$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Proce$6 (Content$4 or $4Data or $4Informat$5 or $4Multimed$7) ($4Second$4 or $4plural $5) ($4Stor$4 or $4load $4 or $4writ$4) ($4Instruct$7 or $4program$5 or $4code $4 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:30 |

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|---|---|---|---|---|---|---|
| | | $4Terminal$3 or $4Client$3 or $4User$2 or $4host$3 or $4station$2 or $4devic$3) | | | | |
| S19 | 22 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Isolat$5 or $4Separat$5 or $4Detach$4 or $4disconnect$5 or $4disengage$5) ($4Chain$4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Proce$6 (Content$4 or $4Data or $4Informat$5 or $4Multimed$7) ($4Second$4 or $4plural$5) ($4Stor$4 or $4load$4 or $4writ$4) ($4Instruct$7 or $4program$5 or $4code$4 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client$3 or $4User$2 or $4host$3 or $4station$2 or $4devic$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:30 |
| S20 | 9 | S19 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:30 |
| S21 | 100 | ( $4controller$4 same ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Isolat$5 or $4Separat$5 or $4Detach$4 or $4disconnect$5 or $4disengage$5) same ($4Chain$4 or $4Sequenc$4 or $4Series$4 or $4String$4) same ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) same $4putt$5 ) (Content$4 or $4Data or $4Informat$5 or $4Multimed$7) (($4Second$4 or $4plural$5) with $4Proce$6) (($4Stor$4 or $4load$4 or $4writ$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:30 |

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|---|---|---|---|---|---|---|
| | | with ($4Instruct$7 or $4program$5 or $4code $4 or $4Command$4 or $4Execut$6)) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client $3 or $4User$2 or $4host $3 or $4station$2 or $4devic$3) (($4typical$4 or $4verag$4 or $4imum $4 or $4Estimat$4) near3 ($4time or $4period$4 or $4delay$4)) | | | | |
| S22 | 56 | S21 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S23 | 0 | ( $4controller$4 ($4Divid $4 or $4Split$4 or $4Partit $5 or $4Isolat$5 or $4Separat$5 or $4Detach $4 or $4disconnect$5 or $4disengage$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 ). ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S24 | 35 | ( ($4Stor$4 or $4load$4 or $4writ$4) $4controller $4 ($4Divid$4 or $4Split $4 or $4Partit$5 or $4Isolat$5 or $4Separat $5 or $4Detach$4 or $4disconnect$5 or $4disengage$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 ). ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S25 | 31 | S24 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S26 | 150 | ($4Stor$4 with $4controller$4 with ($4crypt$5 or $4cipher$5 or $4scrambl$5) with $4putt$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|-----|-----|-----|-----|-----|-----|-----|
| S27 | 63 | S26 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S28 | 75 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Separat$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
| S29 | 43 | S28 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S30 | 2 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Separat$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
| S31 | 0 | S30 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S32 | 35 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Separat$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4) ($4crypt$5 or $4code$4 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |

| S33 | 19 | S32 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S34 | 5 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Separat$5) ($4Chain $4 or $4Sequenc$4 or $4Series$4) ($4crypt$5 or $4cipher$5 or $4scrambl $5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
| S35 | 2 | S34 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S36 | 40 | $4controller$4 ($4crypt$5 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
| S37 | 4 | S36 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S38 | 0 | $4controller$4 ($4crypt$5 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client $3 or $4User$2 or $4host $3 or $4station$2 or $4devic$3) ( $4time with ($4average$4 or $4minimum$4 or $4maximum$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |

| S39 | 0 | $4controller$4 ($4crypt$5 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client$3 or $4User$2 or $4host$3 or $4station$2 or $4devic$3) ( time with ($4average$4 or $4minimum$4 or $4maximum$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
|-----|-----|-----|-----|-----|-----|-----|
| S40 | 17 | $4controller$4 ($4crypt$5 or $4cipher$5 or $4scrambl$5) $4putt$5 $4Stora$4 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client$3 or $4User$2 or $4host$3 or $4station$2 or $4devic$3) time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
| S41 | 23 | $4controller$4 ($4crypt$5 or $4cipher$5 or $4scrambl$5) $4putt$5 ($4Storage$7 or Hard?disk$4 or (Read$4 with Writ$6)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ($4Node$3 or $4Workstat$4 or $4Terminal$3 or $4Client$3 or $4User$2 or $4host$3 or $4station$2 or $4devic$3) (time or Period$4 or $4Schedul$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
| S42 | 4 | S41 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S43 | 16 | $4controller$4 ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Segment$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) $4putt$5 ($4Storage$7 or Hard?disk$4 or (Read$4 with Writ$6)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
|-----|----|----|----|----|----|----|
| S44 | 5 | S43 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S45 | 16 | ($4controller$4 same ($4Storage$7 or Hard?disk$4 or (Read$4 with Writ$6)) ) ($4Divid$4 or $4Split$4 or $4Partit$5 or $4Segment$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) $4putt$5 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
| S46 | 38 | ($4controller$4 same ($4Storage$7 or Hard?disk$4 or (Read$4 with Writ$6)) ) ( ($4Divide$4 or $4Split$4 or $4Partit$5 or $4Segment$4) same ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) same $4putt$5 same ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S47 | 5 | S45 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S48 | 18 | S46 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S49 | 7 | (US-20030099357-$ or US-20030105720-$).did. or (US-7120251-$ or US-6834346-$ or US-5335277-$ or US-6519715-$ or US-4972473-$ or US-7099479-$ or US-5887243-$ or US-7155616-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:31 |
| S50 | 2 | ( ($4Divide$4 or $4Split$4 or $4Partit$5 or $4Segment$4) same ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) same $4putt$5 same ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) same ((time or Period$4 or 4Schedul$4) with ($4average$4 or $4minimum$4 or $4maximum$4)) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S51 | 0 | S50 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S52 | 11 | ( ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) same $4putt$5 same ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) same ((time or Period$4 or 4Schedul$4) with ($4average$4 or $4minimum$4 or $4maximum$4)) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S53 | 5 | S52 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S54 | 28 | ( ($4crypt$5 or $4cipher $5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) same ($4Divide$4 or $4Split$4 or $4Partit$5 or $4Segment$4) same ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) same ((time or Period$4 or 4Schedul $4) with ($4average$4 or $4minimum$4 or $4maximum$4)) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S55 | 10 | S54 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S56 | 2 | $4controller$4 ($4Divide $4 or $4Split$4 or $4Partit $5 or $4Segment$4) ($4Chain$4 or $4Sequenc $4 or $4Series$4 or $4String$4) ($4crypt$5 or $4cipher$5 or $4scrambl $5 or ($4digital$4 near $4signatur$4)) $4putt$5 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
| S57 | 0 | S56 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S58 | 17 | ($4controller$4 or Storage $7 or Hard?disk$4 or (Read$3 with Writ$6)) ($4Divide$4 or $4Split$4 or $4Partit$5 or $4Segment$4) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) $4putt$5 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S59 | 10 | S58 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S60 | 145 | ( ($4crypt$5 or $4cipher $5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)).ti. or ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)).ab. ) $4controller$4 (Storage$7 or Hard?disk$4) (Read$3 with Writ$6) ($4Divide$4 or $4Split$4 or $4Partit$5 or $4Segment$4) ($4Chain $4 or $4Sequenc$4 or $4Series$4 or $4String$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) $4putt$5 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6) ((time or Period$4 or 4Schedul$4) with ($4average$4 or $4minimum$4 or $4maximum$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S61 | 84 | S60 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S62 | 379 | $4controller$4 Storage$7 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) input$4 output$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S63 | 1 | 10/809789 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S64 | 33 | $4controller$4 Storage$7 ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) input$4 output$4 ($4crypt$5 or $4cipher$5 or $4scrambl $5 or ($4digital$4 near $4signatur$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | WITH | ON | 2009/02/16 21:31 |
| S65 | 20 | S64 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S66 | 12 | (US-20030099357-$ or US-20030105720-$).did. or (US-7120251-$ or US-6834346-$ or US-5335277-$ or US-6519715-$ or US-4972473-$ or US-7099479-$ or US-5887243-$ or US-7155616-$ or US-6411714-$ or US-5883957-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:31 |

| S67 | 3 | ($4controller$4 with Storage$7) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital $4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | SAME | ON | 2009/02/16 21:31 |
|-----|---|---|---|---|---|---|
| S68 | 1 | S67 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S69 | 8 | ($4controller$4 Storage $7).ti. ($4controller$4 Storage$7).ab. ($4controller$4 with Storage$7) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital $4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S70 | 2 | S69 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S71 | 476 | ($4controller$4 or Storage $7).ti. ($4controller$4 or Storage$7).ab. ($4controller$4 with Storage$7) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital $4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|-----|-----|-----|-----|-----|-----|-----|
| S72 | 179 | S71 @ad< "20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S73 | 166 | ($4controller$4 or Storage $7).ti. ($4controller$4 or Storage$7).ab. ($4controller$4 with Storage$7 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital $4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S74 | 30 | S73 @ad< "20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S75 | 13 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$ or US-20020194294-$ or US-20020007445-$).did. or (US-6922775-$ or US-6584563-$ or US-4755660-$ or US-6260120-$ or US-6988130-$ or US-6799255-$ or US-6502162-$ or US-6421711-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:31 |
|-----|-----|-----|-----|-----|-----|-----|
| S76 | 9 | S75 ($4controller$4 with Storage$7 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital $4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S77 | 13 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$ or US-20020194294-$ or US-20020007445-$).did. or (US-6922775-$ or US-6584563-$ or US-4755660-$ or US-6260120-$ or US-6988130-$ or US-6799255-$ or US-6502162-$ or US-6421711-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:31 |

| S78 | 9 | S77 ($4controller$4 with Storage$7 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
|-----|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----|-----|-------------------|
| S79 | 13 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$ or US-20020194294-$ or US-20020007445-$).did. or (US-6922775-$ or US-6584563-$ or US-4755660-$ or US-6260120-$ or US-6988130-$ or US-6799255-$ or US-6502162-$ or US-6421711-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 21:31 |
| S80 | 9 | S79 ($4controller$4 with Storage$7 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S81 | 7 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-6922775-$ or US-6584563-$ or US-4755660-$ or US-6260120-$).did. | US-PGPUB; USPAT | OR | ON | 2009/02/16 21:31 |
|------|---|---|---|---|---|---|
| S82 | 5 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-4755660-$ or US-6260120-$).did. | US-PGPUB; USPAT | OR | ON | 2009/02/16 21:31 |
| S83 | 5 | S82 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S84 | 3 | S83 ($4controller$4 with Storage$7 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S85 | 3 | S83 ($4controller$4 with Storage$3 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4)) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) (input$4 with output$4) ($4crypt$5 or $4cipher$5 or $4scrambl$5 or ($4digital$4 near $4signatur$4)) ($4average$4 or $4minimum$4 or $4maximum$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S86 | 2 | ($4controller$4 Storage $3 ).ti. ($4controller$4 Storage$3 ).ab. ($4controller$4 with Storage$3 with (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) with ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) with (time$4 or Period $4 or 4Schedul$4 or delay $4 or expirat$4) with ($4average$4 or $4minimum$4 or $4maximum$4) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S87 | 12 | ($4controller$4 Storage $3 ).ti. ($4controller$4 Storage$3 ).ab. ($4controller$4 same Storage$3 same (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) same ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur $4) same (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) same ($4average$4 or $4minimum$4 or $4maximum$4) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S88 | 4 | S87 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S89 | 20 | ("4063308" \| "5276858" \| "5809340" \| "6088774"). PN. OR ("6438670"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/16 21:31 |
| S90 | 14 | S89 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |

| S91 | 7 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-4755660-$ or US-6260120-$ or US-6438670-$ or US-6519716-$).did. | US-PGPUB; USPAT | OR | ON | 2009/02/16 21:31 |
|---|---|---|---|---|---|---|
| S92 | 6 | S91 ($4controller$4 Storage$3 (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) ($4average$4 or $4minimum$4 or $4maximum$4) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 21:31 |
| S93 | 6 | (US-20020051544-$ or US-20030200398-$ or US-20030177379-$).did. or (US-6260120-$ or US-6438670-$ or US-6834326-$).did. | US-PGPUB; USPAT | AND | ON | 2009/02/16 22:46 |
| S94 | 118 | 380/287.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 22:57 |
| S95 | 13 | S94 ($4controller$4 Storage$3 (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) ($4Instruct$7 or $4program$5 or $4Command$4 or $4Execut$6 or procedur$4) (time$4 or Period$4 or 4Schedul$4 or delay$4 or expirat$4) ($4average$4 or $4minimum$4 or $4maximum$4) ) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 22:57 |
| S96 | 11 | S95 @ad<"20030327" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/02/16 22:58 |

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